

# PATENT ABSTRACTS OF JAPAN

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(54) AUTOMATIC CONTROLLER COPING WITH TO MESSAGE

(57) Abstract:

**PURPOSE:** To prevent the occurrence of an oversight and judgement mistake by providing a syntax analysis knowledge base, a message analyzing part converting a message into an internal interface form, a processing control part, a related message knowledge base and a stack data base.

**CONSTITUTION:** This controller is provided with a syntax analysis knowledge base 15 storing necessary information for analyzing the syntax of a message and the instruction information, a message analysis part 12 converting the message outputted from a computer 2 into an internal interface form by referring to the syntax analysis knowledge base 15, a processing control part 13 performing necessary processings in accordance with the instruction of each converted message, a related message knowledge base 16 and a stack data base 17 storing messages and transmitting them for referring to previously stored related messages in the processing control part 13 and etc. Thus, an object device can be automatically monitored and an operation where the relations of plural messages are considered can be performed.

